IN THE SPECIFICATION

Please amend the specification as follows:

Page 11, paragraph 3:

Bank BMUXU includes a multiplexer corresponding to each receiver in the bank BRX and bank BMUXD includes a multiplexer corresponding to each transmitter in the bank ~~TRX~~BTX. Bank BCGU includes a control signal generator corresponding to each multiplexer In the bank BMUXU and bank BCGD includes a control signal generator corresponding to each multiplexer in the bank BMUXD. The outputs 18 of the carrier frequency generators GU1,GU2,...,GUp are each connected to a corresponding input 19 of each of the multiplexers MUXU, and the outputs 20 of the carrier frequency generators GD1,GD2,....,GDq are each connected to a corresponding input 21 of each of the multiplexers MUXD. Each multiplexer MUXU in the bank BMUXU constitutes, together with the bank BGU of carrier frequency generators, a respective first controllable frequency generator arrangement for generating at will any frequency of the aforesaid first set of carrier frequencies at its output 22. Similarly each multiplexer MUXD in the bank BMUXD constitutes, together with the bank BGD of carrier frequency generators, a respective second controllable frequency generator arrangement for generating at will any frequency of the aforesaid second set of carrier frequencies at its output 24.

B1

Page 19, paragraph 2:

As mentioned previously, it has been assumed so far that the representations of the uplink and downlink hop sequences (the ordinal numbers in the banks BGU and BGD of the corresponding frequency generators) can be identical in respect of both the uplink sequence and the downlink sequence for each given mobile station, with the consequence that the routine of Fig. 6 has to be implemented only once for each logging on mobile station. However this may not always be the case, for example because the first and

B2 cont

second sets of carrier frequencies contain different numbers of these frequencies or because some of these frequencies are actually unusable, and/or because mutually different conditions are imposed on the uplink and downlink sequences in respect of their cycle lengths L, their minimum hop distances *r*, and/or their minimum stay-away times *m*. If this is so it will be necessary to implement the routine of Fig. 6 twice for each logging on mobile station, once to choose the uplink frequency-hop sequence therefor and once to choose the downlink frequency-hop sequence therefor. In such a case the sub-fields 55 of the fields 58 in Fig. 5 may comprise two parts 55A and 55B, one for storing the uplink sequences and the other for storing the downlink sequences, as indicated by a dashed line, and the field 57 of area 51 in Fig. 5 may comprise two parts ~~55A~~ 57A and ~~55B~~ 57B in a similar manner.

B3 cont'd

Page 26, paragraph 1:

Similarly to the first embodiment, it may be the case that the representations of the uplink and downlink hop sequences (the ordinal numbers in the banks BGU and BGD of the corresponding frequency generators) cannot be identical in respect of both the uplink sequence and the downlink sequence for each given mobile station. If this is so, for example because the first and second sets of carrier frequencies contain different numbers of these frequencies or because some of these frequencies are actually unusable, and/or because mutually different conditions are imposed on the uplink and downlink sequences in respect of their cycle lengths L, their minimum hop distances *r*, and/or their minimum stay-away times *m*, it will be necessary to implement the routine of Fig. 8 twice for each logging on mobile station, once to choose the uplink frequency-hop sequence therefor and once to choose the downlink frequency-hop sequence therefor. In such a case, similarly to Fig. 5, the sub-fields 55 of the fields 58 in Fig. 7 may comprise two parts 55A and 55B, one for storing the uplink sequences and the other for storing the downlink sequences, as indicated by a dashed line, and the field 57 of area 51 in Fig. 7 may comprise two parts ~~55A~~ 57A and ~~55B~~ 57B in a similar manner.

B3